

# EAST Search History (12pp) ~~12~~

S17	15	variable adj capacitance.ti. and capacitor.ti. and semiconductor.ti, ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/17 10:44
S18	0	variable adj capacitance.ti. and capacitor.ti. and (fuse antifuse anti-fuse) and ("257"/\$9.ccls. "438"/\$8.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 10:45
S19	0	variable adj capacitance.ti. and capacitor.ti. and (fuse antifuse anti-fuse) and ("257"/\$9.ccls. "361"/\$8.ccls. "438"/\$8.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 10:45
S20	1	variable adj capacitance.ti. and capacitor.ti. and (fuse antifuse anti-fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 10:48
S21	137	(257/312).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/17 10:56
S22	2	S21 and (fuse anti-fuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/17 10:49
S23	77	varactor and (fuse anti-fuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/17 10:57
S24	12	(US-20040147087-\$ or US-20020179957-\$ or US-20020074589-\$ or US-20020014651-\$).did. or (US-6835977-\$ or US-6825089-\$ or US-6818936-\$ or US-6583495-\$ or US-6437369-\$ or US-6218697-\$ or US-6211745-\$ or US-3860945-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/02/17 11:44
S25	0	varactor near10 (antifuse anti-fuse)	US-PGPUB; USPAT	OR	OFF	2005/02/17 11:45
S26	0	varactor near10 (antifuse anti-fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:45

## EAST Search History

S27	6730	varactor near10 (diode antifuse anti-fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:48
S28	414	varactor near10 (diode antifuse anti-fuse) and substrate and ("257"/\$8.ccls. "438"/\$8.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:49
S29	389	varactor near4 (diode antifuse anti-fuse) and substrate and ("257"/\$8.ccls. "438"/\$8.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:49
S30	101	varactor near4 (diode antifuse anti-fuse).ti,ab,clm. and substrate and ("257"/\$8.ccls. "438"/\$8.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:56
S31	1	(varactor varacter variable adj capacitance) and (fuse anti-fuse anti adj fuse antifuse) and (mim metal-insulator-metal metal-oxide-metal) adj capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:00
S32	306	(varactor varacter variable adj capacitance) and (fuse anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:00
S33	28	(varactor varacter variable adj capacitance).ti,ab,clm. and (fuse anti-fuse anti adj fuse antifuse).ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:05
S34	105	(varactor varacter variable adj capacitance).ti,ab,clm. and (fuse anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:06

## EAST Search History

S35	25	(varactor varacter variable adj capacitance).ti,ab,clm. and (fuse anti-fuse anti adj fuse antifuse) and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:06
S36	6	(varactor varacter variable adj capacitance).ti,ab,clm. and (fuse anti-fuse anti adj fuse antifuse) and substrate and (plug contact adj hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:08
S37	9212	(varactor varacter variable adj capacitance).ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:08
S38	6	(varactor varacter variable near4 capacitance).ti,ab,clm. and (fuse anti-fuse anti adj fuse antifuse) and substrate and (plug contact adj hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:09
S39	8	(varactor varacter (vary variable) near4 capacitance).ti,ab,clm. and (fuse anti-fuse anti adj fuse antifuse) and substrate and (plug contact adj hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:10
S40	3	(US-6495426-\$).did. or (US-6495426-\$ or JP-11145414-\$).did.	USPAT; DERWENT	OR	OFF	2005/02/18 07:58
S41	2	("6278149").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/18 07:58
S42	4	(US-6495426-\$ or US-6278149-\$). did. or (US-6495426-\$ or JP-11145414-\$).did.	USPAT; DERWENT	OR	OFF	2005/02/18 08:01
S43	2	jp-09239594\$-\$).did.	USPAT; JPO; DERWENT	OR	OFF	2005/02/18 08:02
S44	0	"JP09239594"	USPAT; JPO; DERWENT	OR	OFF	2005/02/18 08:03
S45	0	sato.in. and trench adj capacitors. ti. and fuse adj element.ab.	JPO	OR	ON	2005/02/18 08:03

## EAST Search History

S46	0	sato.in. and trench adj capacitors. ti.	JPO	OR	ON	2005/02/18 08:04
S47	14	sato.in. and fuse adj element	JPO	OR	ON	2005/02/18 08:04
S48	27	(US-20020014651-\$ or US-20020074589-\$ or US-20020179957-\$ or US-20030173644-\$ or US-20030183407-\$ or US-20030233882-\$ or US-20030233883-\$ or US-20040075158-\$ or US-20040129999-\$ or US-20040147087-\$ or US-20040150939-\$ or US-20040232520-\$).did. or (US-3860945-\$ or US-6211745-\$ or US-6218697-\$ or US-6278149-\$ or US-6437369-\$ or US-6495426-\$ or US-6583495-\$ or US-6818936-\$ or US-6825089-\$ or US-6835977-\$ or US-6837111-\$).did. or (JP-58123757-\$ or JP-411145414-\$).did. or (JP-11145414-\$ or US-6495426-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/02/18 10:12
S49	1	S48 and contact adj plug near3 metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/18 10:14
S50	776	contact adj plug near3 metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/18 10:14
S51	0	contact adj plug near3 metal and trench adj capacitor.ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/18 10:14
S52	402	contact adj plug near3 metal and "257"/\$7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/18 10:15

## EAST Search History

S53	22	contact adj plug near3 metal and mim adj capacitor and "257"/\$7. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:21
S54	0	contact adj plug near3 metal and mim adj capacitor and "257"/\$7. ccls. and anti-fuse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:18
S55	0	contact adj plug near3 metal and mim adj capacitor and "257"/\$7. ccls. and (anti adj fuse fuse anti-fuse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:18
S56	40	contact adj plug near3 metal and buried adj contact and "257"/\$7. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:22
S57	29	contact adj plug near3 metal and buried adj contact and capacitor and "257"/\$7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 11:28
S58	38	trench adj capacitor.ti. and buried adj contact	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 11:28
S59	943	((438/255) or (438/957) or (438/379)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/18 12:33
S60	1	S59 and (varactor capacitor near3 variable) and (fuse anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/18 12:33

## EAST Search History

S61	26	(US-20020014651-\$ or US-20020074589-\$ or US-20020179957-\$ or US-20030173644-\$ or US-20030183407-\$ or US-20030233882-\$ or US-20030233883-\$ or US-20040075158-\$ or US-20040129999-\$ or US-20040147087-\$ or US-20040150939-\$ or US-20040232520-\$).did. or (US-3860945-\$ or US-6211745-\$ or US-6218697-\$ or US-6278149-\$ or US-6437369-\$ or US-6495426-\$ or US-6583495-\$ or US-6818936-\$ or US-6825089-\$ or US-6835977-\$ or US-6837111-\$).did. or (JP-411145414-\$ or JP-58123757-\$).did. or (JP-11145414-\$ or US-6495426-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/07/26 14:43
S62	6	"976384".ap.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/07/26 14:43
S63	520	(antifuse anti-fuse) and (MIM adj electrode ((capacitor electrode) near10 (plug contact contact adj plug))) and ("257"/\$7.ccls. "365"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:06
S64	471	(antifuse anti-fuse) and (MIM adj electrode ((capacitor electrode) near10 (plug contact contact adj plug))) and ("257"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 15:46
S65	4	(antifuse anti-fuse) and (MIM adj electrode ((capacitor electrode) near10 (plug contact contact adj plug))) and ("257"/\$7.ccls. "438"/\$7.ccls.) and variable near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 15:44
S66	501	(antifuse anti-fuse anti adj fuse) and (DRAM FeRAM) and ("257"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:07

## EAST Search History

S67	85	(antifuse anti-fuse anti adj fuse) near10 (DRAM FeRAM) and ("257"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:30
S68	501	(antifuse anti-fuse anti adj fuse) and (DRAM FeRAM) and ("257"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:31
S69	2508	(DRAM FeRAM dynamic adj random adj access adj memory) and second adj (capacitor anti-fuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:32
S70	1510	(DRAM FeRAM dynamic adj random adj access adj memory) and second adj (capacitor anti-fuse anti adj fuse) and ("257"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:34
S71	843	(DRAM FeRAM dynamic adj random adj access adj memory) and second adj (capacitor anti-fuse anti adj fuse).ti,ab,clm. and ("257"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:34
S72	341	(DRAM FeRAM dynamic adj random adj access adj memory).ti, ab,clm. and second adj (capacitor anti-fuse anti adj fuse).ti,ab,clm. and ("257"/\$7.ccls. "438"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/26 16:35
S73	0	(antifuse anti-fuse) near6 protect\$3 near6 capacitor.ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:11
S74	11	(antifuse anti-fuse) near6 protect\$3 near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:25
S75	129	anti-fuse adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:30
S76	0	anti-fuse adj layer near6 stack\$3 near6 capacitor and memory.ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:31

## EAST Search History

S77	0	anti-fuse adj layer near6 stack\$3 near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:31
S78	0	anti-fuse adj layer near6 ("on" "over") near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:32
S79	4	anti-fuse near6 ("on" "over") near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:33
S80	10	(antifuse anti-fuse) near6 ("on" "over") near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:38
S81	11	(antifuse anti-fuse) near6 (protect\$3) near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:39
S82	11	(antifuse anti-fuse) near6 (protect\$3) near6 capacitor and (antifuse anti-fuse) and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:41
S83	11	(antifuse anti-fuse) near6 (protect\$3) near6 capacitor and (antifuse anti-fuse) and (capacitor electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 08:42
S84	2429	(memory DRAM FeRAM MIM adj capacitor).ti,ab,clm. and (capacitor near2 series)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 09:42
S85	2405	(memory DRAM FeRAM).ti,ab,clm. and (capacitor near2 series)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 09:43
S86	45	(memory DRAM FeRAM).ti,ab,clm. and (capacitor near2 series) and (anti-fuse antifuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 09:44



## EAST Search History

S87	45	(memory DRAM FeRAM).ti,ab,clm. and (capacitor near2 series) and (series near10 anti-fuse antifuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 09:56
S88	8	"873969".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 09:58
S89	1	fld near20 (antifuse anti-fuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 10:00
S90	159	chalcogenide and memory.ti,ab, clm. and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 10:27
S91	189	anti-fuse.ti,ab,clm. and capacitor and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 13:37
S92	614	(257/530).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/27 13:37
S93	159	S92 and capacitor and (DRAM FeRAM memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 13:52
S94	2	("20040217441").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 13:53
S95	1	WO-200261826\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 13:54
S96	0	@ad="20020808" and lehmann.in.	EPO; DERWENT	OR	OFF	2005/07/27 16:00
S97	2	("20020088998").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 16:01

## EAST Search History

S98	2	("4635345").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 16:06
S99	2	("5313424").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 17:02
S10 0	2	("6495426").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 17:03
S10 1	2	jp-11145414\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 17:05
S10 2	2005	((257/528) or (257/529) or (257/530) or (257/202)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/07 09:10
S10 3	28	S102 and anti-fuse near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 17:19
S10 4	88	S102 and (antifuse anti-fuse) near6 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/27 17:06
S10 5	3186	((257/528) or (257/529) or (257/530) or (257/532) or (257/312) or (257/202)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/27 17:19
S10 6	135	S105 and (antifuse anti-fuse) near10 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/27 17:19
S10 7	2	("20040217441").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 13:33

## EAST Search History

S10 8	9	"751474".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 13:34
S10 9	2	("20020088998").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 13:42
S11 0	4580	((257/202) or (257/528) or (257/529) or (257/530) or (257/532) or (257/312)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 13:42
S11 1	2	S110 and capacitor near2 variable and (plug contact) and (antifuse anti-fuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 13:44
S11 2	2	("20040217441").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 16:30
S11 3	698	(257/530).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 16:54
S11 4	641	S113 and @ad<"20031224"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 16:55
S11 5	641	S113 and @ad<"20031224"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:11
S11 6	210	S113 and @ad<"20031224" and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 18:03
S11 7	2	("6495246").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:29

## EAST Search History

S11 8	2	("6495426").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:31
S11 9	2	jp-11145414\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:32
S12 0	2	("6278149").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:46
S12 1	2	("6,495,426").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:57
S12 2	0	S120 and (antifuse anti-fuse anti adj fuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:58
S12 3	153	S113 and @ad<"20031224" and capacitor and (anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 18:47
S12 4	163	(257/312).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 19:02
S12 5	10	S124 and stacked	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 18:56
S12 6	0	("stackednear3(MOSFETMOSMISF ET)").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 19:03
S12 7	1325	stack\$3 near2 (MOSFET MOS MISFET)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 19:03

## EAST Search History

S12 8	0	stack\$3 near2 (MOSFET MOS MISFET) and plug and (variable adj capacitor varactor varacter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 19:05
S12 9	38	(antifuse anti adj fuse anti-fuse) and (variable adj capacitor varactor varacter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 19:11
S13 0	420	257/534	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 19:43
S13 1	186	anti-fuse near4 comprising.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 19:48
S13 2	34	anti-fuse near4 metal.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 19:59
S13 3	21	metal adj anti-fuse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:13
S13 4	10	metal adj anti-fuse and "12" and "14"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:17
S13 5	0	variable adj capacitor near10 (anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:18
S13 6	38	(varactor varacter variable adj capacitor) and (anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:25
S13 7	3	(varactor varacter variable adj capacitor) near25 (anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:37

## EAST Search History

S13 8	317	(mosfet mos) near10 (anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:38
S13 9	257	(mosfet mos) near5 (anti-fuse anti adj fuse antifuse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:43
S14 0	20	anti-fuse near10 conformal\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:51
S14 1	0	anti-fuse near5 conformal\$2 near20 (control controllable controllability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:52
S14 2	0	anti-fuse near5 conformal\$2 near20 (reliable reliability control controllable controllability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 21:52
S14 3	1	(antifuse anti-fuse) near5 conformal\$2 near20 (reliable reliability control controllable controllability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 22:12
S14 4	0	interconnect adj metallization near10 (interlayer adj dielectric ILD) near10 (etch\$3 adj step)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 22:13
S14 5	4	interconnect adj metallization near10 (interlayer adj dielectric ILD) near10 etch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 22:13
S14 6	2	"20040217441".pn. and (ground adj line G)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 05:58
S14 7	2667	((257/528) or (257/529) or (257/530) or (257/202) or (275/532) or (257/534) or (257/312)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/07 09:10

## EAST Search History

S14 8	1	S147 and (anti-fues anti adj fuse). clm. and capacitor.clm. and insulati\$2.clm. and plug.clm. and (jung.in. dongbu.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 09:12
S14 9	1	S147 and (anti-fuse anti adj fuse antifuse).clm. and capacitor.clm. and insulati\$2.clm. and plug.clm. and (jung.in. dongbu.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 09:13
S15 0	1	(anti-fuse anti adj fuse antifuse). clm. and capacitor.clm. and insulati\$2.clm. and plug.clm. and (jung.in. dongbu.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 09:13
S15 1	4	(anti-fuse anti adj fuse antifuse). clm. and capacitor.clm. and insulati\$2.clm. and plug.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 09:13
S15 2	2	("20040217441").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/03 17:05
S15 3	1	(US-20040129999-\$).did.	US-PGPUB	OR	OFF	2006/10/03 17:07
S15 4	0	(US-20040129999-\$).did. and (arrange arranged arrangement) near6 vertical\$2	US-PGPUB	OR	ON	2006/10/03 17:08
S15 5	0	(US-20040129999-\$).did. and (arrange arranged arrangement) and vertical\$2	US-PGPUB	OR	ON	2006/10/03 17:08
S15 6	2	"20040217441".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 13:07